

SAE Executive Standards Committee Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.
B

AS5206™

FEDERAL SUPPLY CLASS
4730

RATIONALE

OPTIONAL MATERIAL ADDED TO 4130 STEEL. UPDATED SPECIFICATION CALLOUTS TO CURRENT NOMENCLATURE. UPDATED PROCUREMENT SPECIFICATION NOTE TO CURRENT VERBIAGE. INVENTORY DISPOSITION NOTE 15 ADDED.

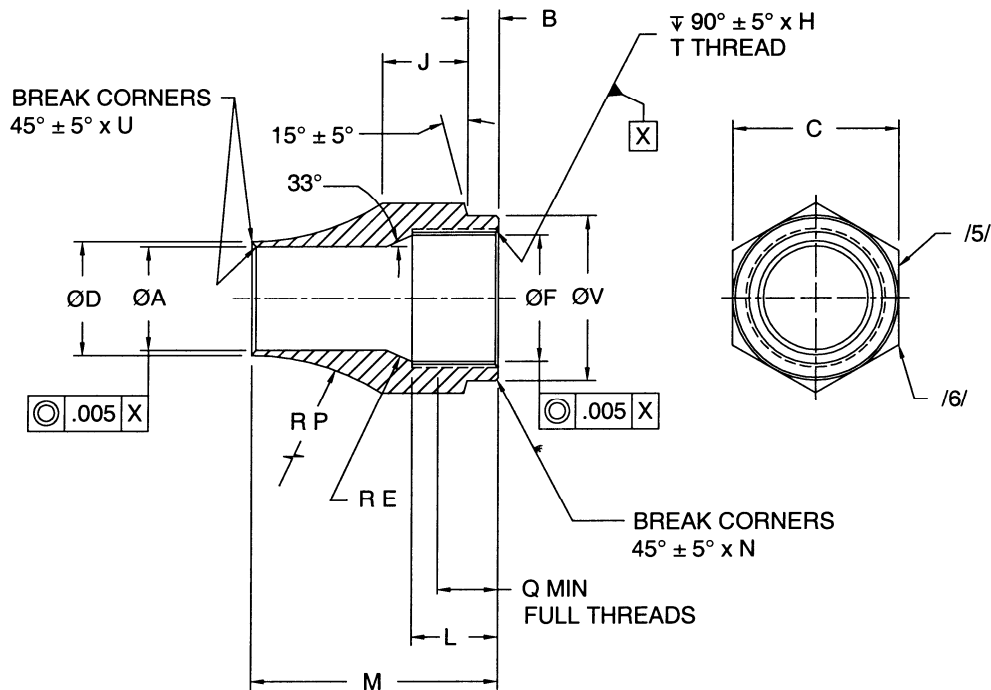
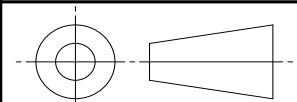


FIGURE 1 - NUT

For more information on this standard, visit
<https://www.sae.org/standards/content/AS5206B/>

THIRD ANGLE PROJECTION



CUSTODIAN: G-3/G-3B

PROCUREMENT SPECIFICATION: AS4841 /4/



AEROSPACE STANDARD

NUT, FLARED, LONG

AS5206™
SHEET 1 OF 3

REV.
B

Copyright © 2023 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)
Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

TABLE 1A - DIMENSIONS A-F

BASIC NO. AS5206 /13/ SIZE CODE	NOMINAL TUBE SIZE	T THREAD PER AS8879	A +.003 -.000	B	C	D +.005 -.000	E	F
02	.125	.3125-24 UNJF-3B	.130	.093	.371-.378	.183	.031	.267-.274
03	.187	.3750-24 UNJF-3B	.193	.093	.434-.441	.246	.031	.330-.336
04	.250	.4375-20 UNJF-3B	.255	.093	.559-.566	.308	.031	.383-.391
05	.312	.5000-20 UNJF-3B	.318	.093	.621-.628	.371	.031	.446-.453
06	.375	.5625-18 UNJF-3B	.380	.093	.684-.691	.433	.046	.502-.510
08	.500	.7500-16 UNJF-3B	.505	.125	.871-.878	.558	.062	.682-.690
10	.625	.8750-14 UNJF-3B	.631	.187	.996-1.003	.694	.062	.798-.806
12	.750	1.0625-12 UNJ-3B	.756	.187	1.246-1.253	.829	.078	.972-.981
16	1.000	1.3125-12 UNJ-3B	1.006	.187	1.496-1.503	1.099	.093	1.222-1.231
20	1.250	1.6250-12 UNJ-3B	1.260	.250	1.984-2.016	1.353	.093	1.535-1.544
24	1.500	1.8750-12 UNJ-3B	1.510	.250	2.230-2.270	1.603	.109	1.785-1.794
28	1.750	2.2500-12 UNJ-3B	1.762	.281	2.605-2.645	1.875	.109	2.160-2.169
32	2.000	2.5000-12 UNJ-3B	2.014	.312	2.855-2.895	2.127	.109	2.410-2.419

TABLE 1B - DIMENSIONS H-V

BASIC NO. AS5206 SIZE CODE	H	J	L	M	N	P	Q	U	V +.000 -.010
02	.312	.250	.282	.843	.010	1.343	.220	.005	.375
03	.375	.265	.312	.937	.010	1.781	.251	.005	.437
04	.437	.328	.375	1.000	.010	1.375	.300	.005	.562
05	.500	.328	.375	1.062	.010	1.671	.300	.005	.625
06	.562	.343	.385	1.093	.010	1.734	.302	.010	.687
08	.750	.453	.437	1.281	.010	1.625	.344	.010	.875
10	.875	.515	.521	1.484	.010	2.062	.414	.010	1.000
12	1.062	.640	.594	1.656	.010	1.734	.469	.010	1.250
16	1.312	.734	.625	1.937	.010	2.687	.500	.010	1.500
20	1.625	.734	.625	2.187	.010	2.406	.500	.010	2.000
24	1.875	.828	.708	2.312	.010	2.515	.583	.010	2.250
28	2.250	.859	.792	2.500	.015	2.656	.667	.015	2.625
32	2.500	.921	.875	2.750	.015	3.031	.750	.015	2.875

NOTES:

NOTICE

THIS DOCUMENT REFERENCES A PART WHICH CONTAINS CADMIUM AS A PLATING MATERIAL. CONSULT LOCAL OFFICIALS IF YOU HAVE QUESTIONS CONCERNING CADMIUM'S USE.

/1/ MATERIAL:

- DASH AS CODE LETTER: TYPE 4130 BAR PER AMS-S-6758 OR AMS6370 OR TYPE 4140 PER AMS6382. /2/
- CODE LETTER J: TYPE 304 CORROSION RESISTANT STEEL BAR PER AMS5639 OR AMS-QQ-S-763.
- CODE LETTER K: TYPE 316 CORROSION RESISTANT STEEL BAR PER AMS5648 OR AMS-QQ-S-763.
- CODE LETTER R: TYPE 321 CORROSION RESISTANT STEEL BAR PER AMS5645 OR AMS-QQ-S-763.
- CODE LETTER T: TYPE 6AL-4V TITANIUM ALLOY BAR PER AMS4928.
- CODE LETTER W: TYPE 7075-T73 ALUMINUM ALLOY BAR PER AMS-QQ-A-225/9 OR TYPE 7075-T7351 ALUMINUM ALLOY BAR PER AMS4124.

	AEROSPACE STANDARD		AS5206™	REV.
	NUT, FLARED, LONG		SHEET 2 OF 3	B



Documents

Document Sharing Hub